



MSI Vector 17 HX A14VHG-608UK Intel® Core™ i9 i9-14900HX Laptop 43.2 cm (17") Quad HD+ 32 GB DDR5-SDRAM 1 TB SSD NVIDIA GeForce RTX 4080 Wi-Fi 7 (802.11be) Windows 11 Home Black

Brand : MSI

Product family: Vector

Product code: VECTOR 17 HX A14VHG-608UK

Product name : Vector 17 HX A14VHG-608UK



- Windows 11 Home
- Intel Core i9-14900HX (36MB Cache)
- 43.2 cm (17") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4080 (12GB GDDR6)
- 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 1000GB SSD
- Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 1000GB SSD, 43.2 cm (17") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4080 (12GB GDDR6), LAN, WLAN, Webcam, Windows 11 Home

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Indulged in performance with the Vector 17 HX A14V, gives users the tools to freely innovate as they choose to. The Vector 17 HX A14V stands as the ultimate choice for STEM enthusiasts, tailored to optimize their endeavors.



Design		Graphics	
Colour name	Cosmos Gray	On-board graphics card model *	Intel® UHD Graphics
Product type *	Laptop	Audio	
Product colour *	Black	Audio system	Nahimic 3
Form factor *	Clamshell	Number of built-in speakers	2
Market positioning	Gaming	Speakers manufacturer	Nahimic
Country of origin	China	Speaker power	2 W
Original brand name	MSI	Camera	
Display		Front camera	✓
Display diagonal *	43.2 cm (17")	Front camera HD type	HD
Display resolution *	2560 x 1600 pixels	Video capturing speed	30 fps
Touchscreen *	✗	Infrared (IR) camera	✓
HD type	Quad HD+	Network	
Native aspect ratio	16:10	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Anti-glare screen	✓	Wi-Fi standards	Wi-Fi 7 (802.11be)
RGB colour space	DCI-P3	Mobile network connection *	✗
Colour gamut	100%	WLAN controller model	Killer Wi-Fi 7 BE1750
Maximum refresh rate	240 Hz	WLAN controller manufacturer	Intel
Processor		Ethernet LAN	✓
Processor manufacturer *	Intel	Ethernet LAN data rates	2500 Mbit/s
Processor family *	Intel® Core™ i9	Bluetooth	✓
Processor generation	Intel® Core™ i9 (14th gen)	Bluetooth version	5.4
Processor model *	i9-14900HX	Ports & interfaces	
Processor cores	24	USB 3.2 Gen 1 (3.1 Gen 1) Type-A ports quantity *	1
Processor threads	32	USB 3.2 Gen 1 (3.1 Gen 1) Type-C ports quantity *	1
Processor boost frequency	5.8 GHz	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	1
Performance cores	8	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Efficient cores	16	Ethernet LAN (RJ-45) ports	1
Performance-core Max Turbo Frequency	5.8 GHz	HDMI ports quantity *	1
Efficient-core Max Turbo Frequency	4.1 GHz		
Performance-core base frequency	2.2 GHz		
Efficient-core base frequency	1.6 GHz		

Processor		Ports & interfaces	
Processor cache	36 MB	HDMI version	2.1
Processor cache type	Smart Cache	Thunderbolt 4 ports quantity	1
Processor base power	55 W	Intel® Thunderbolt 4	✓
Maximum turbo power	157 W	Combo headphone/mic port	✓
Memory		USB Type-C DisplayPort Alternate Mode	✓
Internal memory *	32 GB	Performance	
Internal memory type	DDR5-SDRAM	Motherboard chipset	Intel HM770
Memory clock speed	5600 MHz	Keyboard	
Memory form factor	SO-DIMM	Pointing device	Touchpad
Memory layout (slots x size)	2 x 16 GB	Numeric keypad *	✓
Memory slots	2x SO-DIMM	Keyboard backlit	✓
Maximum internal memory *	96 GB	Keyboard backlit colour	RGB
Storage		Keyboard backlit zone	Per-key RGB
Total storage capacity *	1 TB	Software	
Storage media *	SSD	Operating system installed *	Windows 11 Home
Total SSDs capacity	1 TB	Battery	
Number of SSDs installed	1	Battery technology	Lithium Polymer (LiPo)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✓	Power	
Optical drive type *	✗	AC adapter power	330 W
Card reader integrated	✓	Weight & dimensions	
Compatible memory cards	SD	Width	380 mm
Graphics		Depth	298 mm
Discrete GPU manufacturer	NVIDIA	Height	23 mm
Discrete graphics card model *	NVIDIA GeForce RTX 4080	Height (front)	2.35 cm
Discrete graphics card memory	12 GB	Height (rear)	2.94 cm
Discrete graphics memory type	GDDR6	Weight *	3 kg
On-board graphics card *	✓	Packaging data	
On-board GPU manufacturer	Intel	Package width	461 mm
Discrete graphics card *	✓	Package depth	119 mm
On-board graphics card family	Intel® UHD Graphics	Package height	376 mm
		Package weight	3 kg
		Package volume	89100 cm ³
		Logistics data	
		Commodity Classification Automated Tracking System (CCATS)	8471300000



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Publication date: 29-OCT-2024. Prints or copies of Information are only valid on the printed Publication date